"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOV, V.K., professor

"Acute otitis and its complications." IA.S.Temkin. Reviewed by V.K.Suprunov. Vest.oto-rin. 18 no.4:68-69 Jl-Ag '56. (MLRA 9:9)
(EAR--DISEASES) (TEMKIN, IA.S.)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

UDRITS, Vil'gel'm Fomich; KHILOV, K.L.; LOZANOV, N.N.; SUPRUNOV, V.K.; ORLOV, R.S., red.; RULEBA, M.S., tekhn. red.

[Diseases of the ear, throat, and nose; concise manual for physicians] Bolezni ukha, nosa i gorla; kratkoe rukovodstvo dlia vrachei. Leningrad, Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 559 p. (MIRA 14:9)
(OTOLARYNGOLOGY)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOV, V.K., prof. (Krasnodar)

Otorhinolaryngological service to the population of Krasnodar Territory. Vest.otorin. 22 no.6 3-6 '60. (MIRA 14:1)
(KRASNODAR TERRITORY--LARYNGOLOGY)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOV, V.K., prof. (Krasnodar)

Treatment of otogenic meningitis in otorhinolaryngological institutions of the U.S.S.R. Vest. otorin. 24 no.6:3-9 N-D'62. (MIRA 16:7)
(MENINGITIS) (EAR--DISEASES)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOVA, N.I.; VENSKIY, V.A.

Biostratigraphy of Upper Pliocene and Quaternary sediments in the southwestern part of Astrakhan Province. Dokl. AN SSSR 161 no.1:195-198 Mr '65. (MIRA 18:3)

1. Novocherkasskiy politekhnicheskiy institut i TSentral'naya laboratoriya Volgo-Donskogo geologicheskogo upravleniya. Submitted May 22, 1964.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

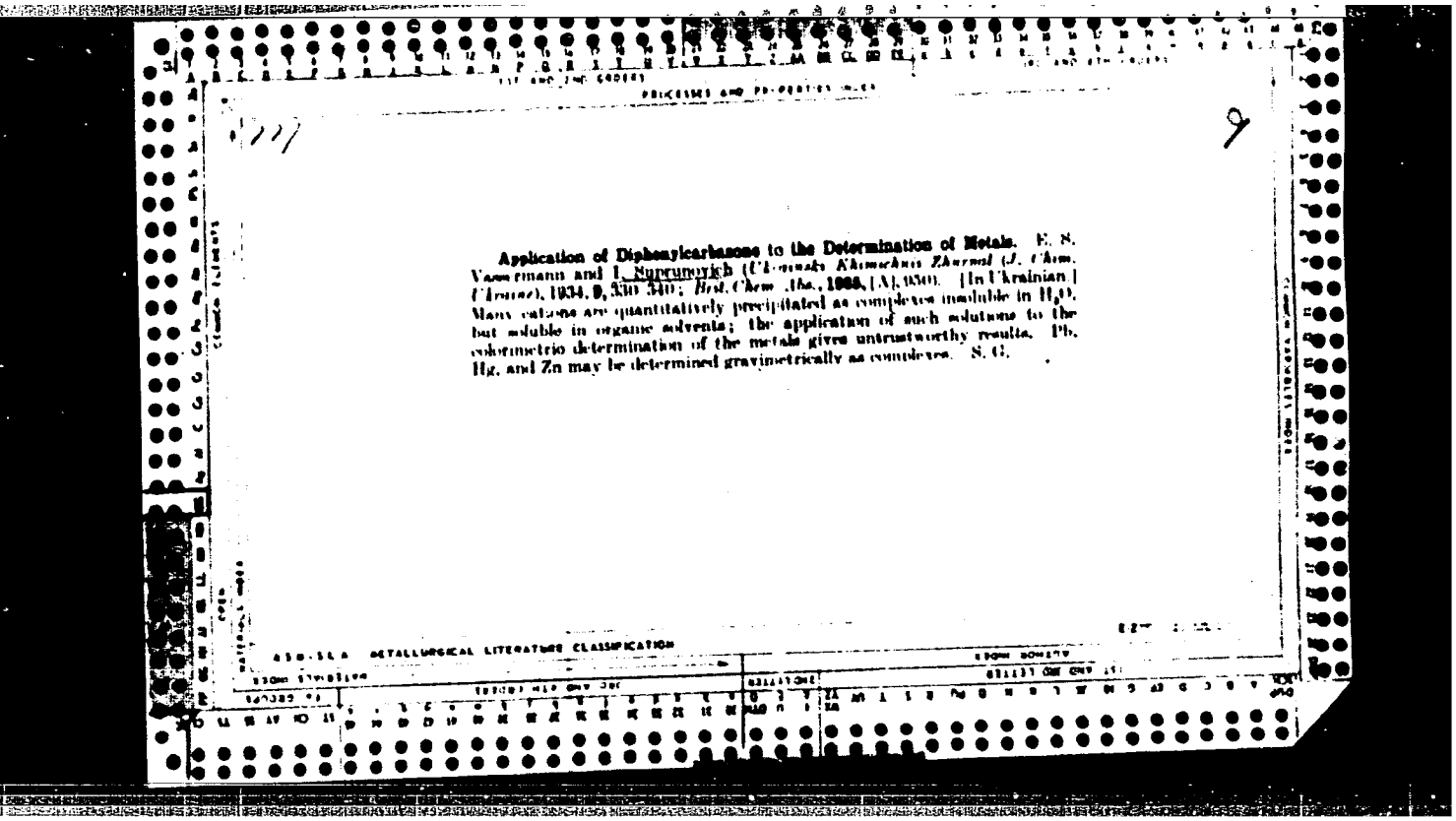
"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOVICH, B.P.

Population of India and its economic activity. Geog. v shkole 25 no.6:8-16 N-D '62. (MIRA 15:12)
(India—Population)
(India--Economic conditions)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

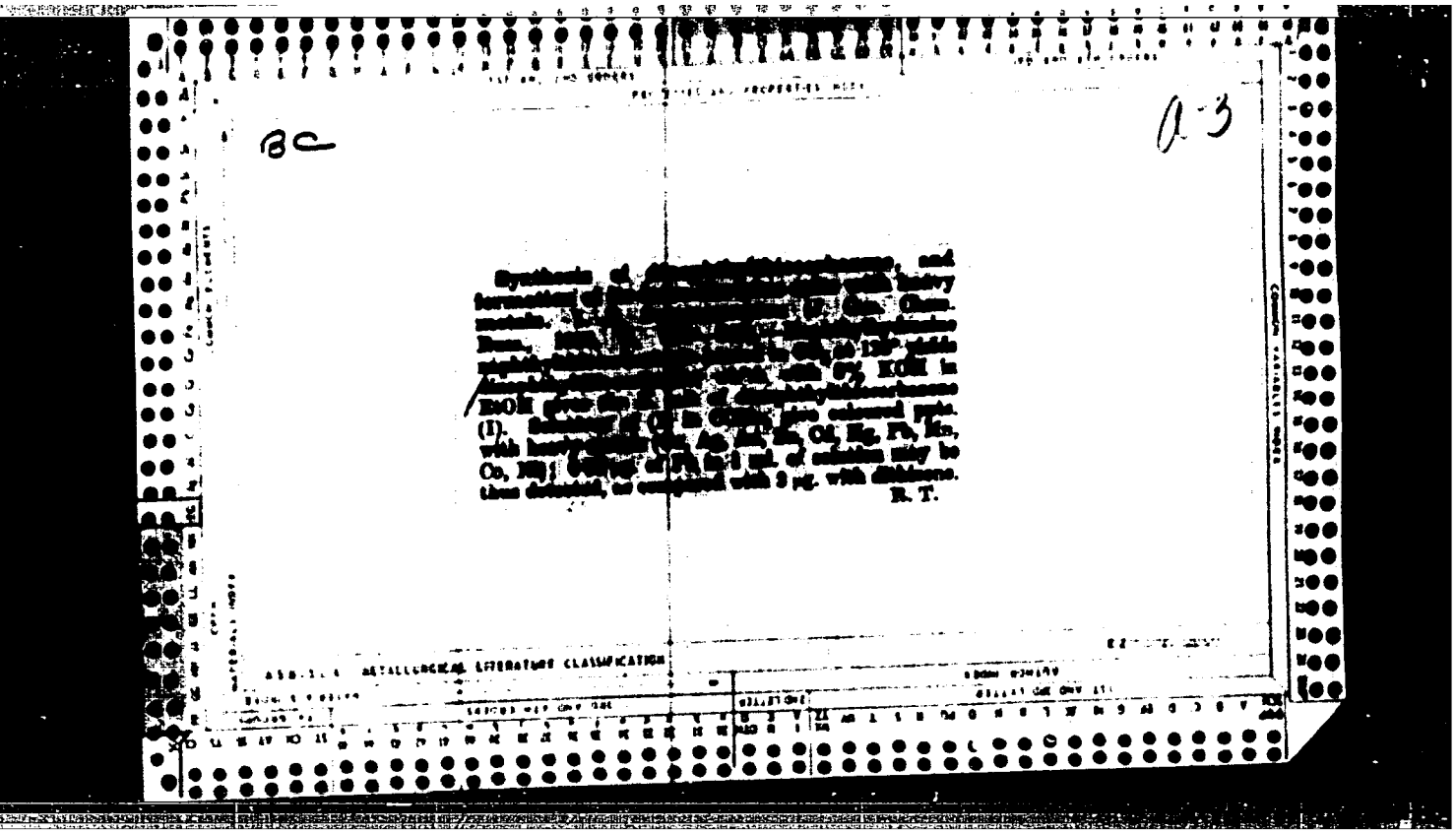
"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



Application of Diphenylcarbazone to the Determination of Metals. E. S. Vasermann and I. Nyrnumoyich (*Ukrainsk. Khimicheskii Zhurnal (J. Chem. Ukraine)*, 1934, **9**, 330–340; *Brit. Chem. Abs.*, 1935, [A], 850). [In Ukrainian.] Many cations are quantitatively precipitated as complexes insoluble in H_2O, but soluble in organic solvents; the application of such solutions to the colorimetric determination of the metals gives untrustworthy results. Pb, Hg, and Zn may be determined gravimetrically as complexes. S. G.

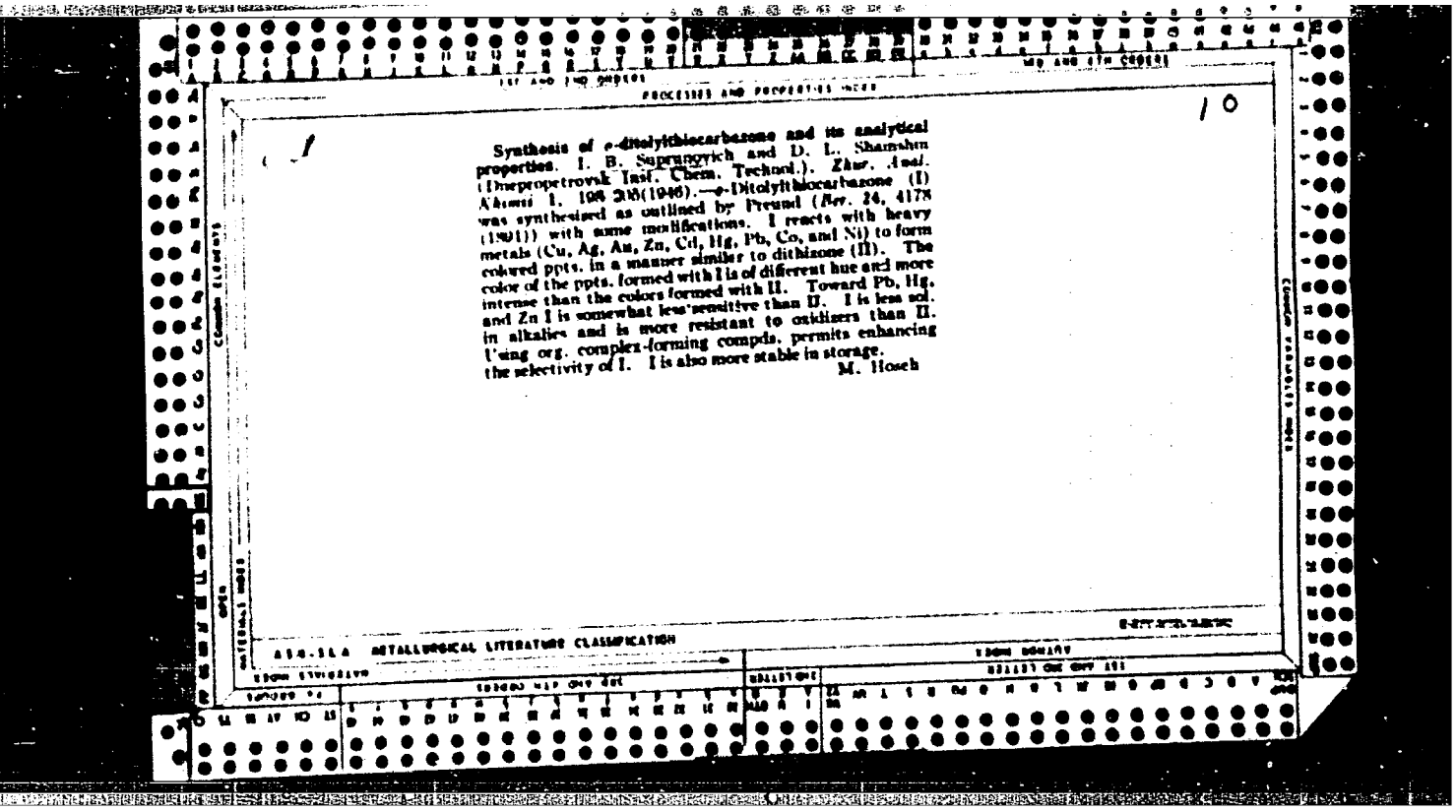
APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



Synthesis of *o*-ditolylthiocarbazone and its analytical properties. I. B. Suprunovich and D. L. Shamshin (Dnepropetrovsk Inst. Chem. Technol.). Zhur. Anal. Khimii 1, 198-205(1946).—*o*-Ditolylthiocarbazone (I) was synthesized as outlined by Freund (*Ber.* 24, 4178 (1891)) with some modifications. I reacts with heavy metals (Cu, Ag, Au, Zn, Cd, Hg, Pb, Co, and Ni) to form colored ppts. in a manner similar to dithizone (II). The color of the ppts. formed with I is of different hue and more intense than the colors formed with II. Toward Pb, Hg, and Zn I is somewhat less sensitive than II. I is less sol. in alkalies and is more resistant to oxidizers than II. Using org. complex-forming compds. permits enhancing the selectivity of I. I is also more stable in storage.
M. Hosch

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SHPRUNOVICH, I. B.

Dnieprpetrovsk Inst. of Chem Tech., Chair of Analytical Chem., (-1946-)

"The Synthesis of C-Ditolylthio-Carbazone and Investigation of Its Analytical Properties,"

Zhur. Analit. Khim., No. 2, 1946.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOVICH, I. B.

TA 16/49T24

USSR/Chemistry - Analysis, Quantitative Sep 48
Chemistry - Colorimetry

"Quantitative Determination of Copper in Steels With the Aid of Dithizone by the Colorimetric Titration Method," I. B. Suprunovich, A. B. Konovalova, Dnepropetrovsk Metal Inst imeni I. V. Stalin, 3 pp

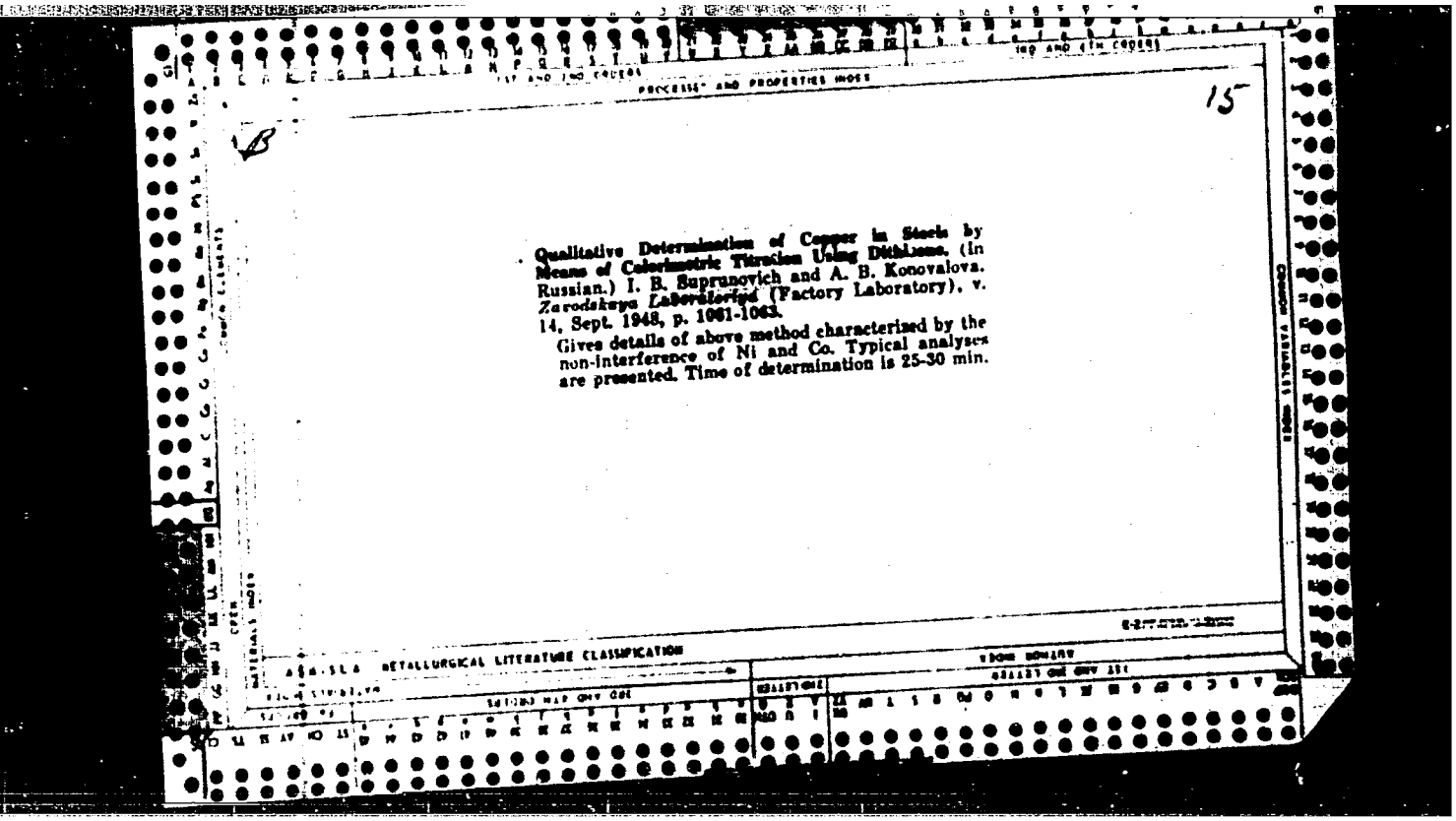
"Zavod Lab" Vol XIV, No 9

Pyridine-rhodanide method is a simple, quick and accurate way of determining copper in iron. Unfortunately, it cannot be used in presence of nickel and cobalt. Dithizone method, described in detail, is free from this defect.

16/49T24

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



Qualitative Determination of Copper in Steels by Means of Colorimetric Titration Using Dithizone. (in Russian.) I. B. Supranovich and A. B. Konovalova. *Zavodskaya Laboratoriya* (Factory Laboratory), v. 14, Sept. 1948, p. 1061-1063.

Gives details of above method characterized by the non-interference of Ni and Co. Typical analyses are presented. Time of determination is 25-30 min.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

S... (V..., I...

Poltavets, L. Ye. and Suprunovich, I. P. - "Complex-producing properties of n-ditolylthiocarbazone," Nauch. zapiski (Dnepr petr. ges. in-t), Vol. XXXIII, 1948, p. 201-07, - Bibliog: 9 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOVICH, I.B.

Identification of dithizone and its o- and p-methyl-substituted derivatives. Zhur.anal.khim. 15 no.2:218-221 Mr-Ap '60.
(MIRA 13:7)

1. Dnepropetrovskiy inzhenerno-stroitel'nyy institut.
(Dithizone)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SU MUNOVICH, V.I.; UKATENKO, Yu.T.

Amperometric titration with 8-mercaptoquinoline solution. Trudy DKHTI no.16:123-131 '62 (MIRA 17:8)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

USATENKO, Yu.I.; SUPRUNOVICH, V.I.

Differential amperometric titration of iridium, palladium, iron and copper by an 8-mercaptoquinoline solution. Dokl. AN SSSR 153 no.3:622-625 N '63. (MIRA 17:1)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut im. F.E. Dzerzhinskogo. Predstavleno akademikom I.V. Tananayevym.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

UST'YANO, Yu.I.; SOPUNOV, V.I.

Amperometric determination of iron, copper, and zinc in aluminum alloys by titration with 8-mercaptoquinoline. Zav. lab. 30 no.6: 662-663 '64 (MIRA 17:8)

1. Dneprope[illegible]y khimiko-tekhnologicheskiy institut imeni F.E. Dzerzhinskogo.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOVICH, V.I.; NSATSKO, Yu.I.

Spectrographic determination of molybdenum in steels with [illegible]. Zav.lab. 31 no.3:262-264 '65. (MIRA 18:12)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut im. F.E.Dzerzhinskogo.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRUNOVICH, V.I.; USATENKO, Yu.I.

Amperometric titration of molybdenum with 8-mercaptoquinoline.
Zhur. a. al. khim. 20 no.7:800-806 '65. (MIRA 18:9)

1. Dnepropetrovsk Chemico-Technological Institute.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

CHERNYY, A.M.; SUPRUNOVSKIY, I.V.

Viscosimeter with automatic start of the timer. Trudy KTIPP no.19:207-209 '58. (MIRA 12:12)
(Viscosimeter) (Sugar--Analysis and testing)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYADKIN, K.A., inzh.

Modernizing the atomizing-type thermal deaerator. Sudostroenie 30 no.1:22-23 Ja '64. (MIRA 17:3)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYAGA, D.

Tatar Republic - Bee Culture

For progressive, socialist bee culture in Tatar Republic.
Pchelovodstvo 29, no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYAGA, I.K.

Deflation of soils in Novosibirsk Province. Pochvovedenie no.11: 89-92 N '62. (MIRA 16:1)

1. Pochvennaya partiya Novosibirskoy zemleustroitel'noy ekspeditsii.
(Novosibirsk Province--Erosion)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

PROKOF'YEV, A., inzhener-podpolkovnik; SUPRYAGA, N., inzhener-podpolkovnik

Classification of teaching machines. Tekh. i vooruzh. no.3:30-31 Mr '64. (MIRA 17:8)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYAGA, Nikolay Pavlovich; VRUBLEVSKIY, A.V., inzh.-podpolkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[Electron-beam tubes with charge accumulation] Elektronno-luchevye trubki s nakopleniem zariadov. Moskva, Voen.izd-vo M-va obor. SSSR, 1961. 118 p. (MIRA 15:2)
(Cathode-ray tubes) (Television—Picture tubes)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

EEO-2 Pm-4/Pn-4/Po-4/
AFETR/RAEM(a)/

ACCESSION NR AM[illegible] S/

76
B+/

Supryaga, N. P.

Continuous radiation radar(Radiolokatsiya s nepreryvnym izlucheniyem), Moscow, [illegible] 1963, 121 p. illus., biblio. 13,500 copies printed.

TOPIC TAGS: radar, continuous radiation radar

TABLE OF CONTENTS [abridged]:

Introduction -- 3
Ch. I. Principles of measuring the parameters of moving objects in systems of continuous radiation -- 10
Ch. II. Radio altimeters -- 36
[illegible] Aircraft doppler navigation systems -- 63
[illegible] [illegible] radar stations using continuous radiation -- 90
Ch. V. Radio detonators -- 114
Bibliography -- 121

SUB CODE: EC, NC SUBMITTED: 19Apr63 NR REF SOV: 020
OTHER: 013

Card 1/1

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYAGA, Ya. A.

Supryaga, Ya. A.

"Investigation of the design and operational parameters of conveyor-belt terrace-builders for open-pit working of deposits." Min Coal Industry USSR. Academy of the Coal Industry. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Sciences.)

Knizhnaya letopis'
No. 15, 1956. Moscow.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYAGA, Yakov Andreyevich; MEL'KUMOV, L.G., otvetstvennyy red.; KOLOMIYTSEV, A.D., red.izd-va; ALADOVA, Ye.I., tekhn.red.

[Belt conveyor stacker for open-pit mines] Lentochnye otvalo-obrazovateli na otkrytykh gornykh rabotakh. Moskva, Ugletekhizdat, 1957. 75 p. (MIRA 11:6)
(Conveying machinery) (Mining machinery)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

AMUFRIYEV, Aleksandr Fedorovich; SUPRYAGA, Yakov Andreyevich; ERATSEV, L.A., otv. red.; VASIL'YEV, Yu.V., red.; VOLKOVA, V.V., tekhn. red.

[Power resources of the Komi A.S.S.R.] Energeticheskie resursy Komi ASSR. Moskva, Izd-vo AN SSSR, 1963. 64 p. (MIRA 16:12)

(Komi A.S.S.R.--Power resources)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYCHEV, V.A.

Stalactite of palygorskite in the surroundings of Simferopol'.
Min. sbor. no.15:343-349 '61. (MIRA 15:6)

1. Institut mineral'nykh resursov AN USSR, Simferopol'.

(Simferopol' region—Stalactites)
(Simferopol' region—Palygorskites)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYCHEV, V.A.

Zoning chart of recent sediments of the Sivash drawn up according to their terrigenous components. Dokl. AN SSSR. 144 no.6:1337-1339 Je '62. (MIRA 15:6)

1. Institut mineral'nykh resursov Akademii nauk USSR. Predstavleno akad. N.M.Strakhovym.
(Sivash—Minerals)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYCHEV, V.A.

Carbonate concretions in soil-forming rocks of the Sivash region. (MIRA 16:5)
Pochvovedenie no.4:101-104 Ap '63.

1. Institut mineral'nykh resursov AN UkrSSR.
(Sivash region—Carbonates) (Sivash region—Concretions)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

MAKAROV, N.N.; SUPRYCHEV, V.A.

Epimagmatic montmorillonite from tuff breccia of paleoliparite in Karadag (Crimea). Dokl. AN SSSR 151 no.1:181-184 Jl '63. (MIRA 16:9)

1. Institut mineral'nykh resursov AN UkrSSR. Predstavleno akademikom N.M.Strakhovym.
(Karadag Mountain--Montmorillonite) (Breccia)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

[illegible], V.A. [Shapyshev, V.A.]

Migration of manganese and iron in the Quaternary sediments of the Sivash Valley. Dop. AN URSR no.11:1555-1558 '62. (MIRA 17:12)

1. Institut mineral'nykh resursov AN URSR.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

MAKAROV, N.N.; SHPRYCHEV, V.A.

Xenogenetic garnet (pyrope-almandine) from igneous rocks in the Crimea. Dokl. AN SSSR 157 no.5:1125-1128 Ag '64. (MIRA 17:9)

1. Institut mineral'nykh resursov, Simferopol'. Predstavleno akademikom V.S. Sobolevym.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

S.A. TSYBUL, Mikhail Semenovich; SOLNTSEV, Vladimir Antonyevich; KOTLYAR, Mariya Stepanovna; TSYK, Yu.Yu., doktor geol.-miner. nauk, otv. red.; CHERNYSH, N.ya., red.

[Mineralogy, geochemistry, and conditions governing the formation of the bottom sediments of Sivash] Mineralogiia, geokhimiia i usloviia formirovaniia donnykh otlozhenii Sivasha. Kiev, Naukova dumka, 1964. 172 p. (MIRA 18:1)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYCHEV, V.A.

Clay rolls of the Sivash coasts. Izv. Vses. geog. ob-va 96 no.5:434-435 S-O '64. (MIRA 17:12)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

GOLYAKOV, A.G.; [illegible], V.A.

Analcite from the pyroclastic-sedimentary rocks of Kubalach Mountain (Crimea). Dokl. AN SSSR 163 no.4:956-958 Ag '65. (MIRA 18:8)

1. Institut mineral'nykh resursov AN UkrSSR, Simferopol'. Submitted April 27, 1965.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPRYCZYNSKI, J.

Relief and geologic structure of Debowa Gora. Bul Ac Pol chim. 6 no.6:403-407 '58. (KRAI 9:6)

1. Laboratory of Geomorphology and Hydrography (Torun), Geographical Institute, Polish Academy of Sciences. Communicated by S.Leszczycki.
(Poland--Geology)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

WAKSMUNDZKI, Andrzej; SUPRYNOWICZ, Zdzislaw; PIETRUSINSKA, Teresa

The effect of stationary phase composition on the separation of some saturated hydrocarbons by gas--liquid partition chromatography. Chem anal 7 no.6:1043-1050 '62.

1. Department of Physical Chemistry, M.Curie-Sklodowska University, Lublin.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

WAKSMUNDZKI, Andrzej; SUPRYNOWICZ, Zdzislaw; MANKO, Regina

Zircon concentrates as a supporting material in gas-liquid partition chromatography. Chem anal 7 no.6:1051-1058 '62.

1. Department of Physical Chemistry, M. Curie-Sklodowsk University, Lublin.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

66566

~~18 (2, 3, 5)~~ 18.7200 SOV/125-59-11-1/22

AUTHORS: Pokhodnya, I.K., Candidate of Technical Sciences, and Suptel', A.M., Engineer

TITLE: Mechanized Welding with Open Arc and Powder Wire

PERIODICAL: Avtomaticheskaya svarka, 1959, Nr 11, pp 3-12 (USSR)

ABSTRACT: This article describes a method of mechanized welding by means of open arc without using shielding gases. The welding is performed by powder wire containing slag- and gas forming substances. Both alternating and direct current can be used. Mechanical properties of welds obtained satisfy all the claims of E 42 Type electrodes. When using shielded arc welding, argon, helium, carbon dioxide, mixture of argon with oxygen, nitrogen, steam, and other gases are applied. However, the inert gases are too expensive and are used only when welding high-alloy steel and non-ferrous metal; in other cases, carbon dioxide is, mostly applied. In this instance, the authors refer to the article by K.V. Lyubavskiy and N.M. Novozhilov, en-

Card 1/4

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

Mechanized Welding with Open Arc and Powder Wire

titled "Welding with Fusible Electrode in Carbon Dioxide Atmosphere", published in "Avtogennoye delo", Nr 1, 1953 [1]. The carbon dioxide shielded arc welding has a number of advantages. But, at the same time, it possesses obvious shortcomings, such as inadequate formation of seams when welding pieces of a medium or large size, formation of cracks in craters, etc. To eliminate these shortcomings, new methods of welding without the application of shielding gases were developed. Having mentioned several methods of open arc welding used abroad, the authors describe the results of research carried out in this field, in 1958-1959, in the Soviet Union. When selecting an appropriate powder electrode wire, the article by I.I. Frumin, entitled "Alloying of Surfacing Metal when Using Submerged-Arc Welding", published by "Avtomaticheskaya svarka", Nr 1, 1952 [2] was considered. A drawn tubular powder wire was chosen. Materials for making it were: low-carbon cold-rolled tape, slag- and gas for-

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

Mechanized Welding with Open Arc and Powder Wire

ming substances, ferro-alloys and iron powder; its optimum diameter was 2.8-3 mm. Chemical composition of the base metal used is given in Table 1. Welding of butts 12 mm in thickness was done with 3 layers; 16 mm thick butts were welded with 4-5 layers. Direct current intensity used for welding was 230-250 amp.; arc voltage - 20-21 v; wire electrode feed speed - 84 m/hour. Figs 1, 2 and 3 show structure of welds obtained. Chemical composition of the third metal layer was: 0.10% C; 0.74% Mn; 0.14% Si; 0.017% N; 0.035% S; 0.039% P. Results of mechanical tests of seams welded by wire, Type PP-AN1, are given in Table 2. Graph 4 shows dependence of the weld metal toughness on the temperature. Dependence of impact resistance on the temperature is given in Fig 5. The authors give further data on welding with powder wire: Conditions of testing and characteristic of fusion (Table 3); cost price of materials used (Table 4); technical-economical indexes comparing different methods of welding (Ta-

Card 3/4

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

Mechanized Welding with Open Arc and Powder Wire

ble 5). The cost of 1 kg of weld metal received by using powder wire is about the same as when carbon dioxide shielded arc welding is used; it is by 1.8-3 times lower than is the case when hand welding with electrodes TsM-7 and UONI-13/45 is applied. There are 2 graphs, 5 tables, 6 photographs and 7 references, 3 of which are Soviet, 2 English, 1 French and 1 German.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki imeni Ye. O. Patona AN USSR (Order of the Red Banner of Labor Institute of Electric Welding imeni Ye. O. Paton, AS UkrSSR)

SUBMITTED: August 6, 1959

Card 4/4

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPTEL', A.M.

Powder wire for welding. Avtom. svar. 17 no.6:91 Je '64
(MIRA 18:1)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUPTEL, E.A.; MAXIMOVICH, N.A.

The possibility of intrauterine infection with Coxsackie virus in mice inoculated by different routes. Acta virol (Praha) [Engl] 8. no.1:46-51 Ja'64.

1. Institute of Infectious Diseases, Ministry of Health of the Ukrainian S.S.R., Kiev.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

P.V. SUPTEL

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Part 4 - Cellulose and Its Derivatives, Paper. H-32

Abs Jour : Ref. Zhur Khimiya, No 4, 1958, 13229.

Author : G.F. Pronin, P. V. Suptel.

Inst : Not given

Title : Continuous Milling in Cone Mills.

Orig Pub : Papir a celulosa, 1955, 10, No 10, 201 - 203.

Abstract : Translation. See RZhKhim. k956, 56326.

Card 1/1

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

PRONIN,G.F.; SUPTEL',P.V.

Continous pulp beating in conic engines. Bum.prom.30 no.6:19-21 Je '55. (MLRA 8:9)

1. Solikamskiy tsellyulozno-bumazhnyy kombinat
(Paper industry)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

DANILOV, V. A.; SUPUKAREV, V. P.

Construction of a gas pipeline in the form of a self-supporting pipe. Stroi. truboprov. 8 no.4:23-24 Ap '63. (MIRA 16:4)

1. Trest Yushgazprovodstroy, Rostov-na-Donu.

(Kuban Valley--Gas, Natural--Pipelines)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

Supuran, I., prof. (Simleu)

Use of the class collective to bring the geography lessons up-to-date. Natura Geografie 16 no. 1:61-62 Ja-F '64.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

LEMNI, Teodor, ing.; [illegible]

Mechanized caravans for loading bulk and seasonal goods. Rev calfer 13 no.1:14-18 Ja '65.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SHUL'ZHENKO, K.M.; SUP'YAN, V.Ya.

Measurment of minor indices of phase modulation by means of interference pictures. Izv. TPI 105:137-143 '60. (MIRA 16:8)

1. Predstavleno nauchnym seminarom radiotekhnicheskogo fakul'teta Tomskogo ordena Trudovogo Krasnogo Znameni politekhnicheskogo instituta imeni Kirova.
(Interferometry)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

ACCESSION NR: AR4028222 S/0274/64/000/002/A070/A070

SOURCE: RZh. Radiotekhnika i elektrosvyaz', Abs. 2A459

AUTHOR: Sup'yan, V. Ya.

TITLE: Measurement of the parameters of a phase-modulated oscillation

CITED SOURCE: Tr. Tomskogo in-ta radioelektron. i elektron. tekhn., v. 1, 1963, 19-23

TOPIC TAGS: phase modulation, phase modulated oscillation, phase modulated oscillation parameters, modulation index, modulation frequency

TRANSLATION: Measurement of the frequency Ω_1 and of modulation index θ_1 is by means of an oscilloscope with auxiliary fm generator.

Card 1/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

ACCESSION NR: AR4028222

It is shown that when the measured voltage $U_1 = U_{m1} \sin [m\omega_0 t + \theta_1 \cdot \sin\Omega_1 t]$ is applied to the horizontal plates, and an auxiliary voltage $u_2 = U_{m2} \sin [m\omega_0 t + \theta_2 \sin\Omega_2 t]$ is applied to the vertical plates, and if the conditions $\Omega_1 = \Omega_2$ (1) and $\theta_1 = m\theta_2/n$ (2) are satisfied, then a stationary Lissajous figure, which is not washed out in the middle, is obtained on the screen. Ω_1 and θ_1 are obtained from the values of Ω_2 and θ_2 and from the frequency ratio m/n, using formulas (1) and (2). By setting $m/n \ll 1$ we obtain $\theta_2/\theta_1 \gg 1$, thus ensuring high accuracy in measurements of small modulation indices in low-frequency modulation. K. S.

DATE ACQ: 30Mar64 SUB CODE: GE ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

L 19008-63 BDS/EWT(d)/SEC-2/EED-2/EEO-2 APFTC/ASD/ESD-3/APGC
Pm-4

ACCESSION NR: AP3007549 S/0115/63/000/009/0040/0042

AUTHOR: Sup'yan, V. Ya.

TITLE: Measuring parameters of phase-modulated oscillations

SOURCE: Izmeritel'naya tekhnika, no. 9, 1963, 40-42

TOPIC TAGS: phase meter, phase modulation

ABSTRACT: A new method is described for measuring small frequency deviations by observing the pattern of Lissajous figures on the screen of a cathode-ray tube; the phase-modulated wave being investigated and a reference phase-modulated voltage are applied to the tube plates. These advantages are claimed: (1) No auxiliary frequency divider is necessary for measuring the phase-modulation index within 2-10°; (2) No sensitivity to AM; (3) Accuracy of measuring the phase-modulation index is determined by the error in measuring the search-oscillator voltage; accuracy of measuring the modulation frequency

Card 1/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

L 19008-63

ACCESSION NR: AP3007549 0

depends on the accuracy of the frequency scale of the oscillator. Orig. art. has: 3 figures and 7 formulas.

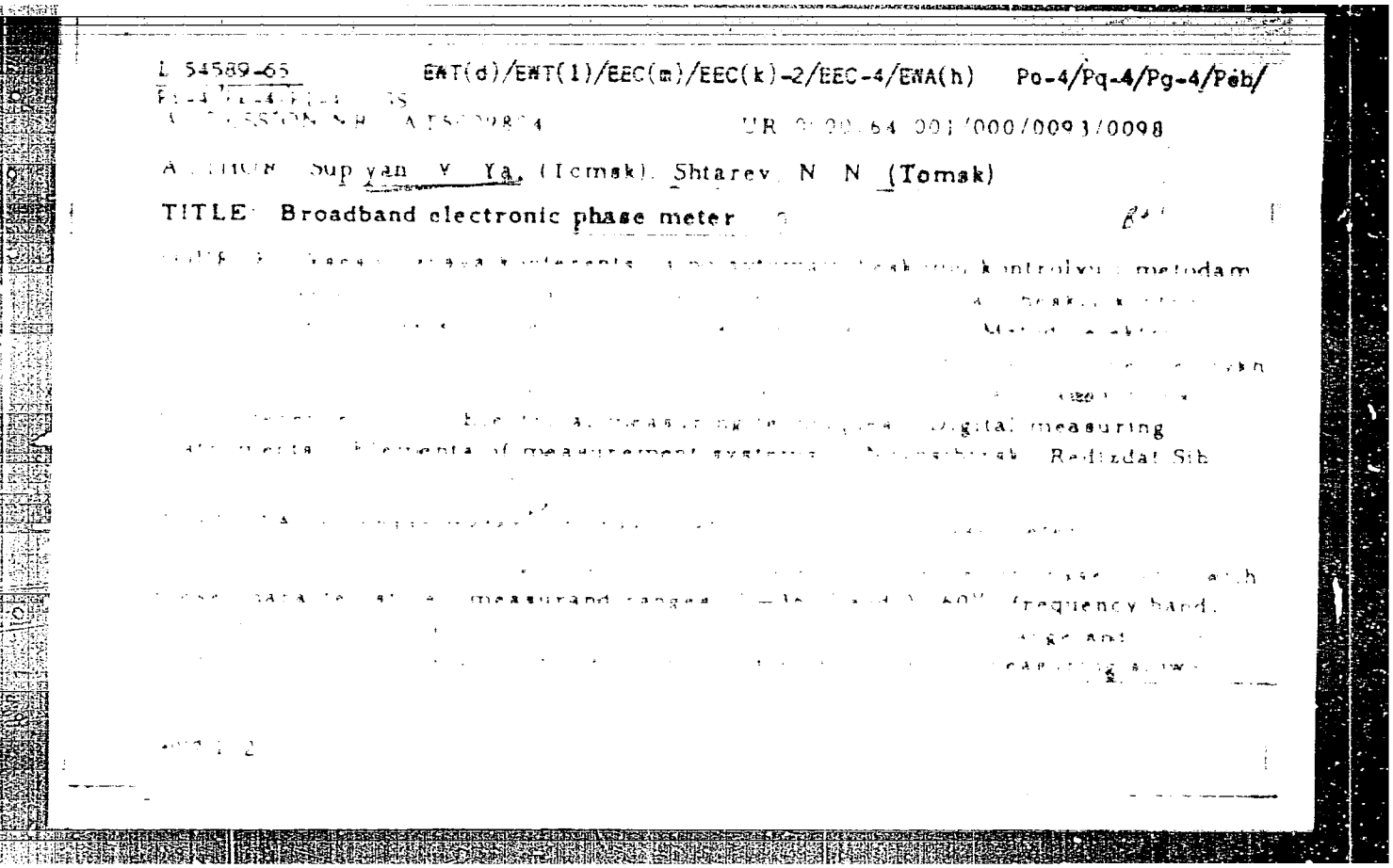
ASSOCIATION: none

SUBMITTED: 00	DATE ACQ: 14Oct63	ENCL: 00
SUB CODE: GE	NO REF SOV: 000	OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



L 54589-65 EWT(d)/EWT(l)/EEC(m)/EEC(k)-2/EEC-4/EWA(h) Po-4/Pq-4/Pg-4/Peb/

ACCESSION NR AT5008014 UR 0000/64/001/000/0093/0098

AUTHOR: Supyan V Ya. (Tomsk); Shtarev N N (Tomsk)

TITLE: Broadband electronic phase meter

[illegible] metodam

[illegible] digital measuring

[illegible] Redizdat Sib

[illegible] measurand ranges [illegible] frequency band.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

L 54589-65
ACCESSION NR: AT5009804

varying phase shifts between two sinusoidal voltages. The input voltages, via ... repeaters and attenuators (compensated voltage dividers), are applied to an electronic switch which feeds these voltages alternatively to a mixer. The ... also receives a voltage from an external heterodyne oscillator. An inter- ... of 840 kc is amplified and fed to a marker-pulse shaper. The ... controlled by ... ps square pulses derived from a 50-cps- ... A block diagram and photo of the laboratory ...

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

ACCESSION NR: AR5017551 UR/0058/65/000/C06/H004/H005

SOURCE: Ref. zh. Fizika, Abs. 6Zh27

AUTHORS: Sup'yan, V. Ya.; Kryukov, Yu. V.

[illegible] of phase relations in frequency multiplication

[illegible]. Tomskiy politekhn. in-t im. S. M. Kirova, Tomskiy gosuniversitet im. V. V. Kuybysheva. Sb. Differentsial'. [illegible]. dnyu radio. Tomsk, [illegible]

[illegible] experimental investigation of the phase [illegible] characteristic curves [illegible] without [illegible] small size of the frequency-phase characteristic [illegible] parasitic emission [illegible] circuit makes it [illegible] the [illegible] phase characteristic. Experiment has shown that it is advantageous [illegible] class-C frequency

Card 1/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

L 59194-65

ACCESSION NR: AR5017551

0

multiplication stages with multiplication stages having vacuum tubes with convex characteristics. The alternating multiplier stages should contain filters with [illegible] and makes for a small dependence of [illegible] on the [illegible] of the input signal amplitude (large dynamic range). V. M.

SUB CODE: EC ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

L 59192-65 EWA(h)/EWT(1) Peb

ACCESSION NR: AR5017553 UR/0058/65/000/006/H005/H005

12
B

SOURCE: Ref. zh. Fizika, Abs. 6Zh31

AUTHOR: Sup'yan, V. Ya.

TITLE: "Phase multiplication" with succeeding frequency conversion

CITED SOURCE: Tr. Tomskogo in-ta radioelektron. i elektron. tekhn., v. 2, 1964, 5-

TOPIC TAGS: frequency conversion, phase multiplication, phase stability

TRANSLATION: To increase the phase stability of frequency (phase) multipliers, it is proposed to employ double frequency conversion. The increase in stability is attained by subtracting out the errors introduced by the multipliers and converters in the circuit beyond the second converter. A block diagram of an experimental set-up and the dependence of the phase of the output signal on the operating conditions of the apparatus are presented. V. Malygin.

SUB CODE: EC ENCL: 00

KC

Card 1/1

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

L 59195-65 EEC-4/EED-2/EED-2/EWA(h)/EWT(d)/EWT(1) Pm-4/Pac-4/Peb

ACCESSION NR: AR5017552 UR/0058/65/000/006/H005/H005

SOURCE: Ref. zh. Fizika, Abs. 6Zh26

AUTHOR: Sup'yan, V. Ya.

TITLE: Concerning one method of frequency conversion

CITED SOURCE: Tr. Tomskogo in-ta radioelektron. i elktron. tekhn., v. 2, 1964, 7-11

TOPIC TAGS: frequency converter, parasitic modulation, phase modulation, dynamic range

TRANSLATION: The described frequency conversion method differs from others in possessing a very small parasitic phase modulation of the intermediate-frequency voltage and therefore convenient for the use in electronic phase meters of medium and [illegible] range. A large negative voltage is applied to the shielding grid of the [illegible] tube, as a result of which the anode-grid characteristic of the tube assumes a form under which the condition for minimization of the parasitic phase modulation [illegible] is satisfied. Another advantage of the proposed circuit is [illegible] the dynamic range [illegible].

SUB CODE: EC ENCL: 00

Card 1/1

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUR, G. ; [illegible], L.

Economical construction of small vertical hydrogenerators. p. 83
(Strojnoelektrotechnicky Casopis. Bratislava. Vol. 3, no. 1, 1952)
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6,
June 1955, Uncl.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

FEL'DMAN, Il'ya Iosifovich, dotsent, kand.tekhn.nauk; TABACHNIKOV, Izrail' Zos'yevich, inzh.; DYMSHITS, Mikhail Abramovich, inzh.; TARTAKOVSKIY, I.P., dotsent, kand.tekhn.nauk, retsenzent; SUR, M.D., inzh., red.; SOROKA, M.S., red.

[Modernization of forging and pressing equipment] Modernizatsiia kuznechno-pressovogo oborudovaniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 375 p. (MIRA 13:9)
(Forging machinery--Technological innovations)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUR, P., kapitan 1 ranga

Navigation of atomic submarines. Starsh.-serzh. no.6:24-25 Je '64. (MIRA 17:7)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUR, Pavel Semenovich; KARTASHEV, R.D., red.; BEL'CHENKO, N.I., red.; SHIKIN, S.T., tekhn. red.

[Manual on steering-gear handling] Posobie po rulevomu delu. Moskva, Izd-vo DOSAAF, 1963. 174 p. (MIRA 16:12)
(Ship handling) (Steering gear)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Synthetic Polymers. Plastics.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69157.

Author : Gregor F., Sura H.
Inst : Not given.
Title : Effect of Impurities on the Degree of Polymerization of Vinylacetate.

Orig Pub: Chem prumysl, 1958, 8, No 2, 103-105.

Abstract: Effect of certain impurities on the degree of polymerization of vinylacetate was investigated. As impurities, the substances commonly found in the presence of monomers, such as CH_3COOH, $(CH_3CO)_2O$, CH_3COH, and $CH_3CHCOCOH$, were used as mixtures.

Card 1/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

DIAN, Stefan, prof.; SURA, Helmut, inz.

Tires with exchangeable tire threads. Tech praca 14 no.12:983-985 D '62.

1. Gumarne 1. maja, Puchov.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

NYVLT, Jaroslav; SURA, Jindrich

Concurrent crystallizers. Pt. 8 . Chem prum 13 no. 12: 626-629 D '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

JAGER, L[illegible]; [illegible], Jan Vlav; H[illegible]LT, Jaroslav; SIKA, Jindrich

Kinetics of forming biuret from urea. Chem prum 15 no.1: [illegible]

1. Research Institute of Inorganic Chemistry, Usti nad Labem.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

Sura, M.

Calculation of a slanting continuous truss in reinforced-concrete bridge construction. p. 78. INZENYRSKE STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 4, no. 2, Feb. 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

[illegible] p. [illegible].

[illegible]
[illegible], [illegible] Vol. [illegible], no. 1, Jan. 1[illegible]

[illegible] accession, (FTAI), 12, Vol. [illegible], No. 12, Dec. 195[illegible]
Uncl.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, Miroslav, inz.

Use of automatic computers in the building industry. Inz stavby 10 no.3:92-97 Mr '62.

1. Studijni a typizacni ustav, Praha.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, Miroslav, inz.

Automatic computers in designer's practice. Poz stavby 12 no.10: 435-439 '64.

1. Study an. Typification Institute, Prague.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, V.V.

Kidney damage in rheumatoid arthritis. Sovet. med. 16 no. 6:21-23 June 1952. (CIML 22:4)

1. Of the First Therapeutic Clinic (Director -- Prof. Ye. M. Tareyev, Active Member of the Academy of Medical Sciences USSR), Moscow Oblast Scientific-Research Institute imeni M. F. Vladimirskiy).

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUTA, V. V.

"The Problem of Albuminuria Due to Amyloid Nephrosis." Cand Med Sci, First Moscow Medical Inst, Moscow 1953. (RZhBiol, No 5, Mar 55)

SO: Sum. No. 670, 29 Sep 55—Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SUKH., V.V., kandidat meditsinskikh nauk; MAKARENKO, I.I.

Involvement of the kidneys in so-called nonspecific infectious (rheumatoid) arthritis. Sov.med. 19 no.12:46-50 D '55. (MLRA 10:9)

1. Iz obshchey i gospital'noy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. Ye.M.Tareyev) Sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta
(KIDNEYS—DISEASES) (ARTHRITIS, RHEUMATOID)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, V.V., kandidat meditsinskikh nauk; SOKOLOVA, V.P.; KALITKYEVSKIY, P.F.

Diffuse myocarditis as a symptom of medicinal hypersensitivity. Sov. med. 20 no.5:45-49 My '56. (MLRA 9:9)

1. Iz gorodskoy bol'nitsy No.27 (glavnyy vrach N.G.Doyev) Moskvy i kafedry obshchey i gospital'noy terapii (zav.-deystvitel'nyy chlen Akademiimeditsinskikh nauk SSSR prof. Ye.M.Tareyev) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechénova

(MYOCARDITIS, etiology and pathogenesis, drug allergy (Rus))
(ALLERGY, etiology and pathogenesis, to drugs, causing myocarditis (Rus))

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, V.V., kandidat meditsinskikh nauk; GUSEVA, N.G., kandidat meditsinskikh nauk

Diffuse osteoporosis in liver cirrhosis. Sov.med. 21 no.4:107-109 Ap '57. (MLRA 10:7)

1. Iz obshchey i gospital'noy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR prof. Ye.M. Tareyev) Sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(LIVER CIRRHOSIS, compl.
diffuse osteoporosis)
(OSTEOPOROSIS, etiol. and pathogen.
live cirrhosis)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, V.V., kand.med.nauk; POLYANTSEVA, L.R.

On lesions of the kidneys in diabetes mellitus. Sov.med. 23 no.9:12-18 S '59. (MIRA 13:1)

1. Iz obshchey i gospital'noy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. Ye.M. Tareyev) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(DIABETES MELLITUS compl.)
(KIDNEY DISEASES etiol.)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

TAREYEV, Ye.M.; SURA, V.V.; POLYANTSEVA, L.R.

Some problems in the pathogenesis and treatment of nephritis (Experimental data). Vest. AMN SSSR 16 no.12:3-9 '61. (MIRA 15:2)

(KIDNEYS--DISEASES)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, V.V.; SEMENDYAYEVA, M.Ye.; POTEKAYEVA, M.A.

Role of shock and collapse in the development of a hepatorenal syndrome. Sov.med. 25 no.2:36-40 F '61. (MIRA 14:3)

1. Iz obshchey i gospital'noy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. Ye.M.Tareyev) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni N.M.Sechenova, laboratorii deystvitel'nogo chlena AMN SSSR prof. Ye.M.Tareyeva i 24-y Moskovskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach V.P.Uspenskiy).
(SHOCK) (LIVER--DISEASES) (KIDNEYS--DISEASES)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, V.V.

"Parasitology for doctors" by Otto Jirovec. Reviewed by V.V.Sura.
Sov. med. 25 no.10:157 O '61. (MIA 15:1)
(MEDICAL PARASITOLOGY) (JIROVEC, Otto)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURA, V.V.; KOLAYEV, V.A.; KOVALEVSKIY, G.V.

Experimental reproduction of some clinicomorphological manifestations of systemic lupus erythematosus; preliminary report. Sov. med. 27 no.2:42-49 F '64. (MIRA 17:10)

1. Klinicheskiy otdel (zav. - prof. Ye.N. Meshalkin) i laboratoriya patomorfologii (zav. - dotsent Yu.G. TSellarius) Instituta eksperimental'noy biologii i meditsiny (IEBiM) Sibirskogo otdeleniya AN SSSR i kafedra gospital'noy terapii (zav. - prof. A.A. Demin) Novosibirskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

[illegible] V.V., [illegible], Ye.F.

[illegible] of the skin in white rats following the introduction of Freund's adjuvant. Biul. eksp. biol. i med. 60 no.8:118-121 Ag '65. (MIRA 18:9)

1. Gruppa denervatsii [illegible] AMN SSSR (prof. Ye.M. Tareyeva) i laboratoriya morfologii (zav. - prof. A.M. Vikhert) Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov) AMN SSSR, Moskva.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

[redacted], [redacted], A. V.

Boilers

Washing the heating surfaces of boiler units in operation. Za ekon. top.9 n9.4:33-34 Ap '52

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

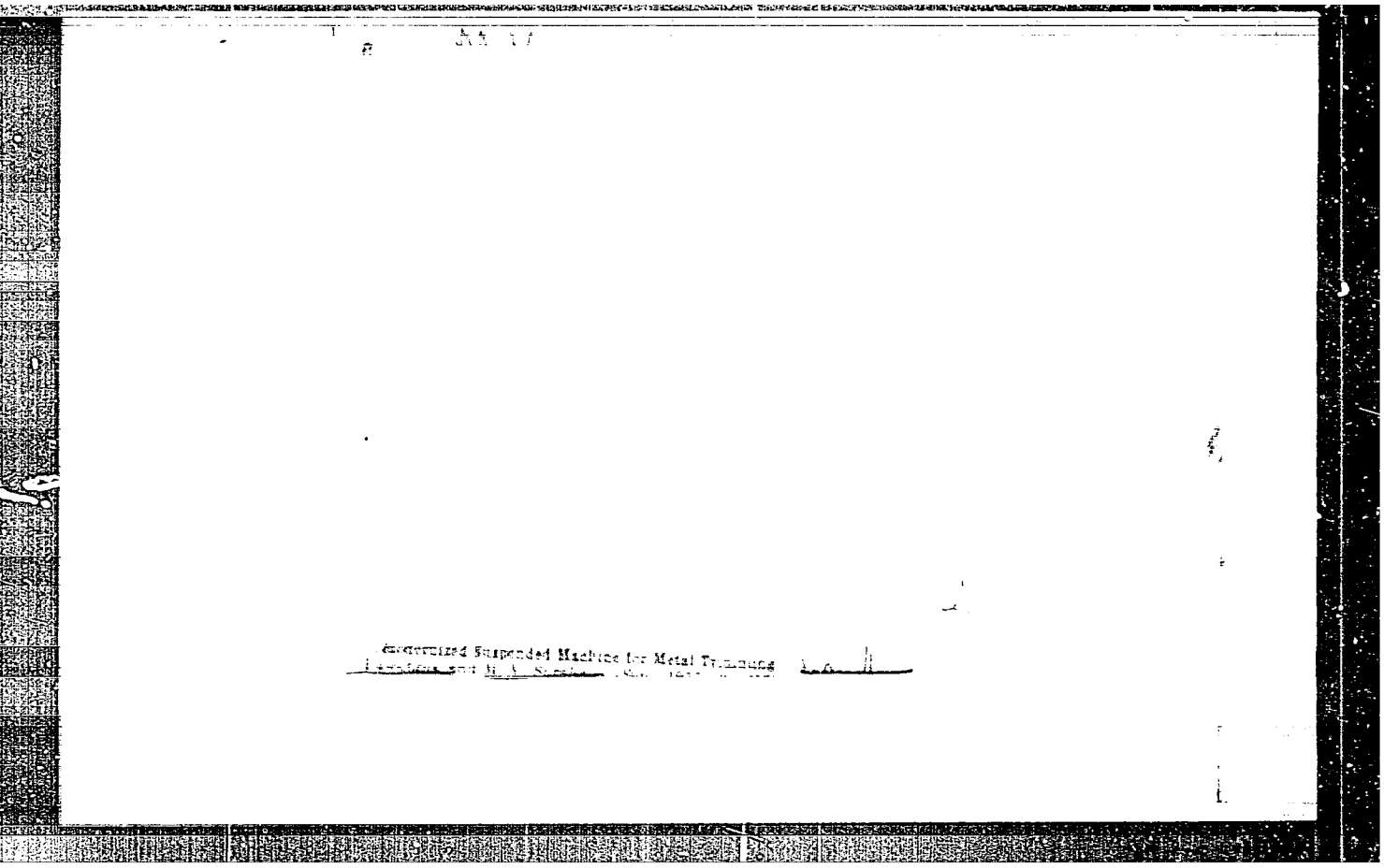
"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURAK, Pal

Preparation of substituted S-triazine derivatives and investigation of their tanning capacity in photographic layers. Kep hang 7 no.4: 107-108 Ag '61.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURAMLISHVILI, G.I.

Kinetics of waves in a plasma. Dokl. AN SSSR 153 no.2:317-320 N '63. (MIRA 16:12)

1. Predstavleno akademikom M.A.Leontovichem.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

ACCESSION NR: AP4042019 S/0020/64/157/001/0083/0086

AUTHOR: Suramlishvili, G. I.

TITLE: Frequency shift and attenuation of interacting Langmuir oscillations

SOURCE: AN SSSR. Doklady*, v. 157, no. 1, 1964, 83-86

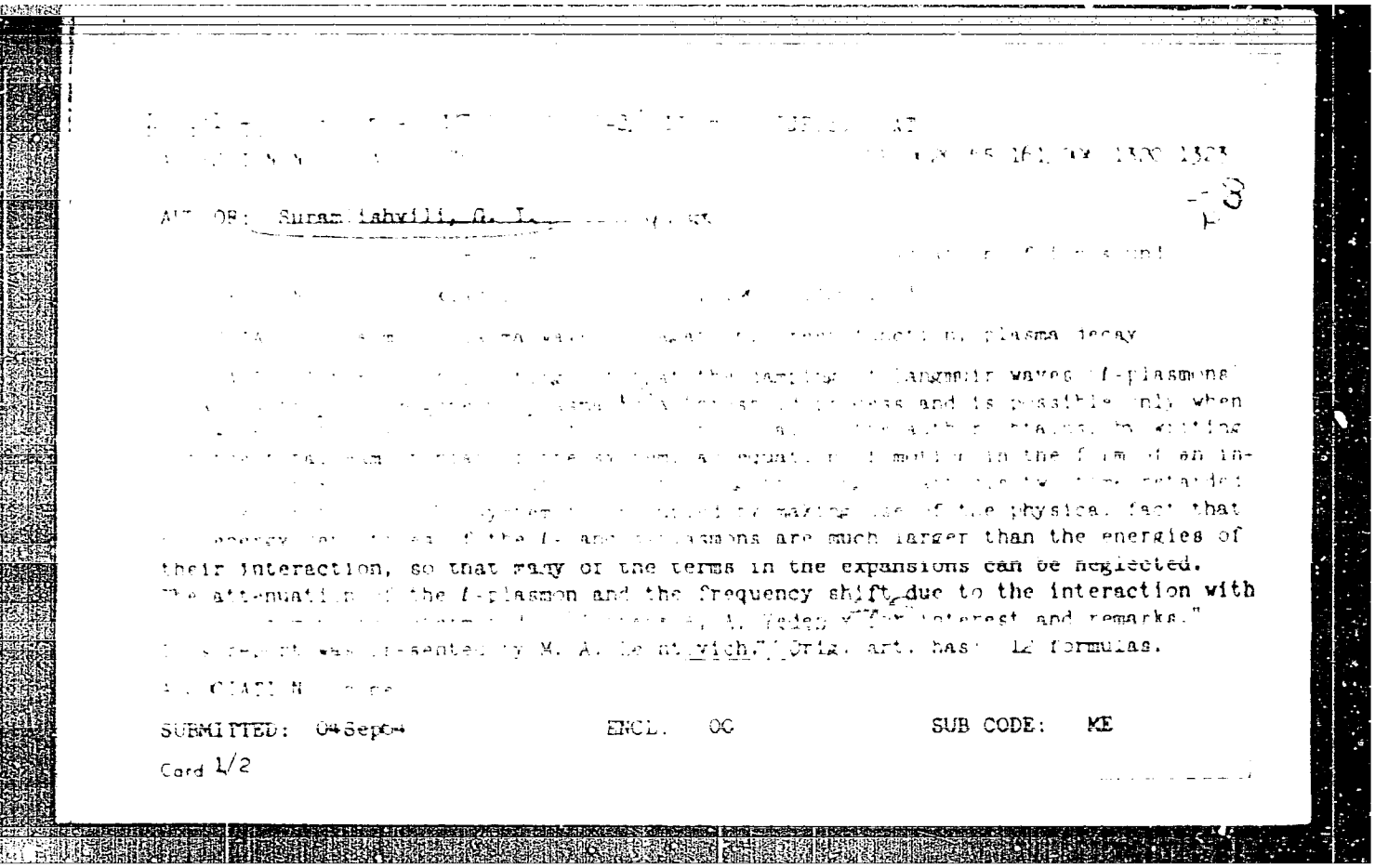
TOPIC TAGS: plasma oscillation, frequency shift, line broadening, Hamilton equation, Green function

ABSTRACT: The purpose of this study was to ascertain whether interactions between oscillations in the plasma lead to a frequency shift in addition to energy transport between harmonics. Langmuir oscillations (l-plasmons) are considered with wave vectors much shorter than the reciprocal Debye radius. The second-quantization of the complete Hamiltonian of the l-plasmons, with account of the four-plasmon process (which is the only one allowed by conservation

Card 1/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



AUTHOR: Suram Lahvili, G. I.

plasma decay

[illegible] Langmuir waves (l-plasmons) [illegible] ness and is possible only when [illegible] plasma, in writing [illegible] in the form of an in- [illegible] by making use of the physical fact that [illegible] of the l- and t-plasmons are much larger than the energies of their interaction, so that many of the terms in the expansions can be neglected. The attenuation of the l-plasmon and the frequency shift due to the interaction with [illegible] are found. [illegible] interest and remarks."

[illegible] presented by M. A. Leontovich, Orig. art. has: 12 formulas.

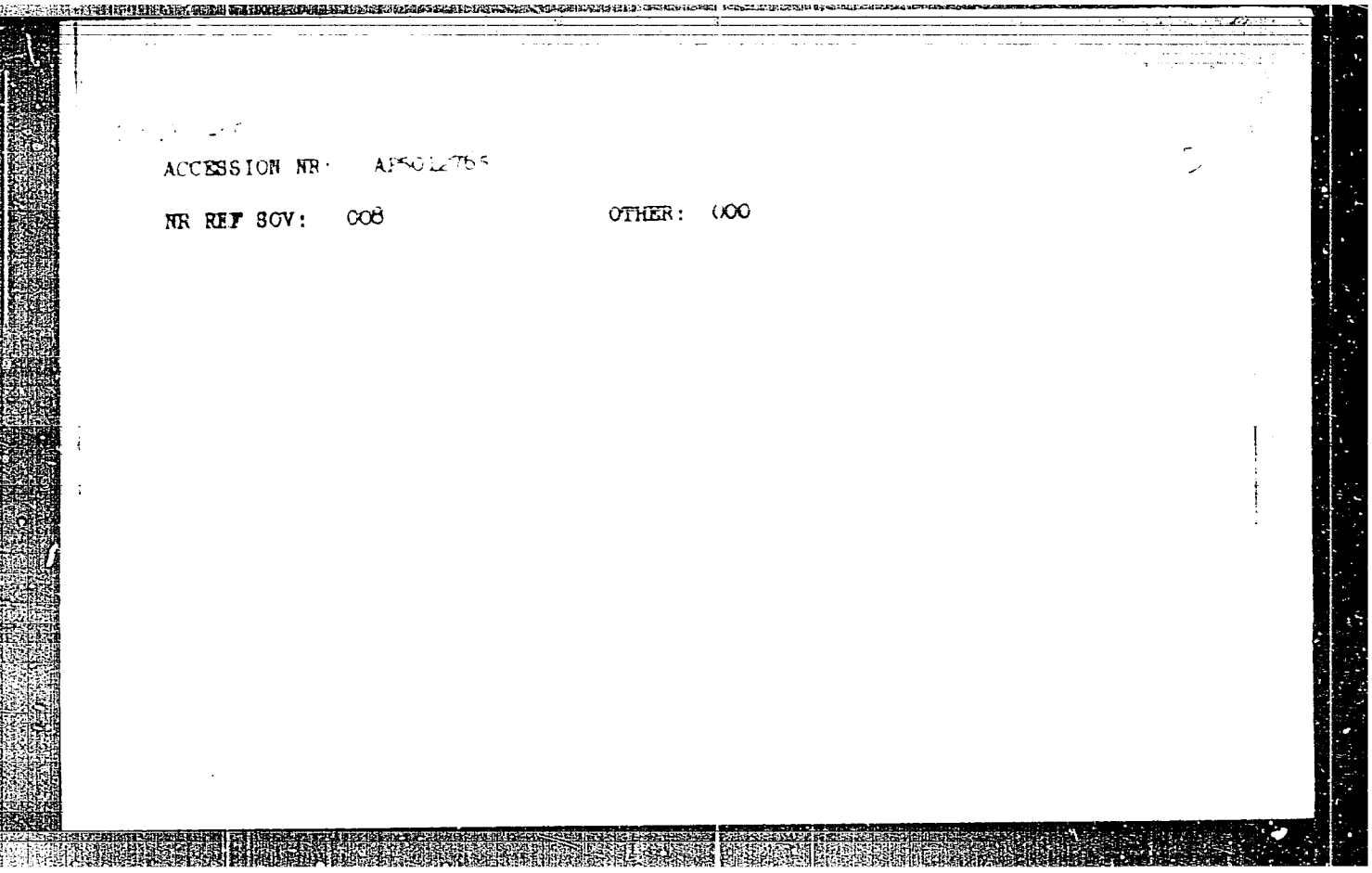
[illegible]

SUBMITTED: 04Sep64 ENCL: 00 SUB CODE: ME

Card 1/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8



ACCESSION NR: AP5012765

NR REF SOV: 008 OTHER: 000

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

EWP(n)-2/EPA(w)-2/EWT(1)/EWG(m)/ JP(c) AT

ACCESSION NR: AP5016567 UR/0056/65/048/006/1732/1739

AUTHOR: Suramlishvili, G. I.

TITLE: Transformation of longitudinal into transverse waves in a weakly turbulent plasma

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 48, no. 6, 1965, 1732-1739

TOPIC TAGS: plasma wave propagation, particle collision, ion interaction, plasma diagnostics

ABSTRACT: A statistical method is developed for deriving the matrix elements that enter in the collision terms of the kinetic equations for waves in a plasma. The method is based on the assumption that the essential change in the wave amplitude is slower than the disappearance of the wave phase correlation. Under such conditions the excitation of waves reduces to collisions between waves, which can be described by the kinetic equation for their distribution function in phase space. This is illustrated by the example of the transformation of longitudinal waves into transverse in an isotropic homogeneous plasma, which plays an important role in the diagnostics of turbulent plasma and in astrophysics. The method consists of writing out the complete Lagrangian function for a collisionless plasma and sepa-

Card 1/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

ACCESSION NR: AP5016567

rating from it the higher-order terms that describe the three-wave processes in which two longitudinal waves merge into a single transverse wave or a transverse wave disintegrates into two longitudinal ones. The specific examples considered are the coalescence of Langmuir oscillations to form transverse waves and the merging of Langmuir and ion-sound waves in an isotropic weakly-turbulent plasma. The growth rate and the energy density of the resultant transverse waves are calculated. "I am sincerely grateful to A. A. Vedenov for interest and for numerous discussions." Orig. art. has: 32 formulas.

ASSOCIATION: none

SUBMITTED: 15Jan65 ENCL: 00 SUB CODE: ME

NR REF SOV: 012 OTHER: 005

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

SURAMISHVILI, G.I.; PONOMARENKO, Yu.B.

Anomalous absorption of the energy of an electromagnetic field in a plasma. Soob. AN Gruz. SSR 40 no.1:47-53 O '65.
(MIRA 18:12)

1. Institut kibernetiki AN Gruzinskoy SSR, i Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR.
Submitted January 3, 1965.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

ACC NR: AP6033293 SOURCE CODE: UR/0141/66/009/005/1038/1039

AUTHOR: Suramlishvili, G. I.

ORG: Institute of Cybernetics, AN GSSR (Institut kibernetiki AN GSSR)

TITLE: Interaction of photons in a plasma

SOURCE: IVUZ. Radiofizika, v. 9, no. 5, 1966, 1038-1039

TOPIC TAGS: plasma interaction, photon scattering, scattering matrix, plasmon

ABSTRACT: The author considers the scattering of one photon by another when a beam of photons (transverse high frequency oscillations) propagates through a plasma, and calculates two parameters of the photon gas which are governed by this process, namely the energy density of four-photon interaction and the photon collision frequency. The calculation is based on the use of the Lagrange function of a collisionless plasma and a resultant formalism for the deriving of the matrix elements, described by the author in earlier papers (DAN SSSR v. 153, 317, 1963 and ZhETF v. 48, 1732, 1965). The Lagrangian of the four-photon interaction, written in the second-quantization representation, is derived by expanding the total Lagrange function of the plasma in powers of the amplitude of the collective oscillations, and it is shown that the four-photon interaction leads to a nonlinear deformation of a packet of transverse waves propagating in a plasma. An estimate is obtained of the characteristic deformation time. Although four-photon processes are usually perturbations of higher order than decay processes, they are the only ones possible in a certain frequency region where

Card 1/2 UDC: 533.9.01

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

ACC NR: AT6033293

the decay of a photon into a photon and a plasmon is forbidden by the frequency conservation law. Orig. art. has: 6 formulas.

SUB CODE: 20/ SUBM DATE: 24Feb66/ ORIG REF: 005/ OTH REF: 001

Card 2/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

BURAN, Jan

Operational and economic analysis of the Zvolen Telephone Network Circuit. Ca spoje 9 no.1:28-29 F'64.

1. Stredoslovenska krajska sprava spoju.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8

PISCA, Ladislav; SURAN, Jozef

Wages, age and pensions. Soc revue 8 no.6:252-271 '62.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920016-8"